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His research interests are in **XML** and semistructured **data**, as well as ... O'Reilly **2002** and "**RELAX NG**, A Simpler Schema Language For **XML**", O'Reilly 2003. ...  
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Multimedia and Distributed Real-time **service data** interchange. .... MED, **Relax NG** may be a replacement for **XML** schema languages. **XML** Base:2001, W3C, a, MED ...  
[194.7.80.153/website/book.asp?menuid=15&vs=3&page=volume4%2Fch02s04.html](http://194.7.80.153/website/book.asp?menuid=15&vs=3&page=volume4%2Fch02s04.html) - 105k - [Cached](#) - [Similar pages](#)

### Metadata Working Group : Bibliography

Clark, James. Trang : multi-format schema converter based on **RELAX NG**. .... Krafft, Dean B. A **model** for Simple **Metadata**-Based **Services**. (2002-04-15) ...  
[metadata-wg.mannlib.cornell.edu/bibliography/?sort=item](http://metadata-wg.mannlib.cornell.edu/bibliography/?sort=item) - 52k - [Cached](#) - [Similar pages](#)

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### rpbourret.com - XML Database Products: XML-Enabled Databases

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fields) using DTDs, **XML** Schemas, or **RELAX NG** schemas as well as ASN.1. ...  
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### WDVL: XML: Extensible Markup Language

updated July 1, 2002 WDVL's collection of specifications, articles, presentations, software, and Web sites related to **XML** Schema, **RELAX NG**, and **SOAP**. ...  
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### XForms Everywhere » 2006 » May

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Element attributes are generally intended to contain **meta-data** that describes the ..... [42]  
 OASIS Technical Committee: **RELAX NG**, "**RELAX NG** Specification", ...  
[tools.ietf.org/html/draft-hollenbeck-ietf-xml-guidelines-01](http://tools.ietf.org/html/draft-hollenbeck-ietf-xml-guidelines-01) - 65k - [Cached](#) - [Similar pages](#)

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### STEP, XML, and UML: Complementary Technologies—[Journal of ...

**RELAX NG**, a powerful yet easy-to-use schema language for **XML**, .... Object Management Group, 2002, **OMG XML Metadata** Interchange Specification v1.2, ...  
[link.aip.org/link/?JCISB6/4/379/1](http://link.aip.org/link/?JCISB6/4/379/1) - [Similar pages](#)

## guidelines for the use of xml in ietf

In the first example, the attribute can be thought of as **meta-data** to the element .... [48]

OASIS Technical Committee: **RELAX NG**, "RELAX NG Specification", ...

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### [List of ISO standards - Wikipedia, the free encyclopedia](#)

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http://www.jtc1.org) to produce a standard for **RELAX NG** (an **XML metadata** ...  
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### **XML**: Information from Answers.com

Another popular schema language for **XML** is **RELAX NG**. .... XPath is a DOM-like node  
tree **data model** and path expression language for selecting **data** within ...  
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View **metadata** This is the definitive specification of **RELAX NG**, .... **services** for **data** of any type, whether located within the **XML** that includes the ...

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### RSLP Collection Description - **Metadata** - UKOLN

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[foundation.bricksfactory.org/javadoc/org/bricks/models/metadata/schema/package-summary.html](http://foundation.bricksfactory.org/javadoc/org/bricks/models/metadata/schema/package-summary.html) - 15k - [Cached](#) - [Similar pages](#)

### Numerical **Model Metadata** – a draft standard

These derived properties are a function of the tools that exploit the numerical **model metadata** not the **metadata schema** itself. What we need to be certain of ...

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### Resource Description Framework (RDF) / W3C Semantic Web Activity

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### **Metadata** Standards Framework — National Library of New Zealand

Preservation **metadata schema** · Preservation **metadata** data **model**. The preservation

**metadata** data **model** is based on the logical preservation **metadata model**, ...

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### **Metadata Schema** Transformation Services

**Metadata Schema** Transformation Services. Overview ... In this **model**, the division between syntax and semantics is more strictly enforced. ...

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### mandate toolkit

These **model metadata schema** are derived from the development of the **Metadata** specification for ... Table: **Model metadata schema** for meeting documentation ...

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### Business Data Catalog: **Metadata Model**

This section of the SDK shows the **metadata model** containment hierarchy, ... **Metadata**

**Schema**. The Business Data Catalog provides a **schema** definition file ...

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### A **Metadata Schema** Registry as a Tool to Enhance **Metadata** ...

It is crucial to organize a network of collaborating **metadata schema** registries in order to share **metadata** schemas. We need to establish a process **model** for ...  
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set of **metadata** elements conforming to a data **model** based. on that developed for the Resource Description Framework. (RDF) [23]. The **schema** was designed to ...  
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**Dublin Core Metadata Initiative (DCMI)**

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**metadata schema model** for record management based on record management ... The **metadata schema model** shown in Figure 3 is a record-centered **model** of record ...  
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**Biblio Metadata Schema**

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**The SMIL Metadata Module**

Resource Description Framework (RDF) **Model** and Syntax [RDFSyntax]; Resource Description Framework (RDF) **Schema** [RDFSchema]. **Metadata** information within an ...

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Birmingham, 26 June, 2003. A centre of expertise in digital information management.

[www.ukoln.ac.uk](#). Data **Model** & **Metadata** Schema. Function; Data **model** ...

[iesr.ac.uk/stakeholders/meeting\\_20030626/data\\_model.ppt](#) - [Similar pages](#)

**Obtaining Metadata with Schema Rowsets (OLE DB Templates)**

Data about the database structure is called **metadata** and can be ... ANSI SQL defines a catalog/**schema model** for data stores; OLE DB uses this **model**. ...

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The IMS Learning Resource **Meta-data** Information **Model** 1.2.1 Final Specification is ...

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**Metadata Schema** Registry [1]. The registry is being developed as ... usable with Dublin Core but less so with the hierarchical **model** of. IEEE LOM. ...

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**IMS Learning Resource Meta-Data Information Model**

2.1 IMS **Meta-Data** Information **Model**. The following table is based on the IEEE LTSC LOM Working Draft ..... See the IMS **Meta-Data Schema** Definition files at ...

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Semantic Web" where **metadata** applications are evolving. and many have not yet adopted the RDF **model**. Keywords: **metadata schema** registries, RDF, XML, ...

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**Digital Dog - A break from class -- Metadata w/ Grace Agnew**

Versions distinguished by number and/or date She likes to start out with the data **model** and uses whatever **schema** is out there. **Metadata schema** components ...

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NMM Numerical **Model Metadata**. ... See the following for the structure of the **schema**..

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**Preservation Metadata: Pragmatic First Steps at the National ...**

NLNZ has developed a Preservation **Metadata Schema** [2] designed to strike a balance between the principles expressed in the OAIS Information **Model** [3] and ...

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**[doc] Metadata Schema - Statistical Disclosure/Access Control**

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A brief outline was given of the **metadata models** involved in the **metadata** specification for FASTER. Given that NESSTAR used DDI as the **metadata model**, ...

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**AskDCMI -**

... XML files conform to both the Dublin core **metadata schema** and the IEE LOM. ... to the "abstract **model**" associated with the individual **metadata** standard. ...

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The MDC Open Information **Model** is a specification of a core set of **meta data** types such as database **schema**, business process, or business object elements. ...

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### Dublin Core **Metadata** Initiative (DCMI)

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TESTBED **METADATA SCHEMA**: We currently maintain our **metadata** as XML files using the XML- ... The XSLT **templates** are used to selectively present, reorganize, ...  
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**Metadata Schema** Transformations: Project goals. A robust design for **metadata** translation. Clean separation of: document data **model**; **schema** translations ...  
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### **Metadata Schema** Transformation Services

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The collection's **schema**, **metadata** bucket mappings, thesauri, etc. are all described in configuration files. **Metadata** reports are described by **templates**, ...

[www.alexandria.ucsb.edu/~gjanee/archive/2001/jcdl-paper.doc](http://www.alexandria.ucsb.edu/~gjanee/archive/2001/jcdl-paper.doc) - [Similar pages](#)

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## Patents

Patents 1 - 10 on **metadata model**. (0.23 seconds)

### Metadata model

US Pat. 6662188 - Filed Sep 1, 2000 - Cognos Incorporated

The **metadata** exchange 10 facilitates importation of **metadata** from external sources 100 and 10 101 into the **metadata model** 15. Also, the **metadata** exchange 10 ...

### Query engine and method for querying data using metadata model

US Pat. 6609123 - Filed Sep 1, 2000 - Cognos Incorporated

... **metadata model** ...

### Mechanism for metadata for an information catalog system

US Pat. 5721911 - Filed Jun 25, 1996 - International Business Machines Corporation

The **metadata model** disclosed within the above cited co-pending ... 1 illustrates the basic structure of the **metadata model** of the co-pending application. ...

### Method and mechanism for a task oriented XML data model

US Pat. 6598219 - Filed Oct 6, 1999 - International Business Machines Corporation

22,2003 OTHER PUBLICATIONS Baldonado et al., **Metadata** for Digital ... (57) ABSTRACT  
A task oriented data **model** for an object oriented development tool. ...

### Computer-based communication system and method using metadata defining a control structure

US Pat. 5862325 - Filed Sep 27, 1996 - Intermind Corporation

3 and 4) between composite and component communications objects can be used generally to **model** many **metadata** relationships. The first advan- given a member ...

### Aggregating and manipulating dictionary metadata in a database system

US Pat. 6708186 - Filed Sep 28, 2000 - Oracle International Corporation

As explained above, meta- view\$ 901 associates an object class, **metadata model**, **metadata** version tuple with a UDT and object view for that 55 class; ...

### Methods and transformations for transforming metadata model

US Pat. 7185016 - Filed Sep 1, 2000 - Cognos Incorporated

... **metadata model** ...

### Method for managing dynamic relations between objects in dynamic object-oriented languages

US Pat. 5872973 - Filed Oct 26, 1995 - Viewsoft, Inc.

This enables the programmer to enhance the mapper **model** with yet another degree ... **Metadata** is useful in obtaining these names from the object itself C++ ...

### System and method for online analytical processing

US Pat. 6684207 - Filed Aug 1, 2001 - Oracle International Corp.

Multidimensional **Metadata Model** 25 45 There are many providers of **metadata**, each defining its own **metadata** models. Unfortunately, these providers are ...

## **Metadata exchange**

US Pat. 6611838 - Filed Sep 1, 2000 - Cognos Incorporated

The **metadata model** 15 stores **metadata** about its underlying one or more data ...

The **metadata model** 15 provides three layers to realize three levels of ...

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## Patents

Patents 1 - 10 on **meta data model attributes schema cardinality**. (0.23 seconds)

Did you mean: [metadata model attributes schema cardinality](#)

### Method and system for providing internet-based database interoperability using a frame model for ...

US Pat. 6704747 - Filed Oct 13, 2000 - Joseph Shi-Piu Fong

The frame **model** captures the semantics of heterogeneous relational schemas after **schema** translation. With the use of an object agent, frame **model meta-data** ...

### Integrated case repository meta model system for process methodology and integrated supporting ...

US Pat. 5995969 - Filed Jan 2, 1998 - Electronics and Telecommunications Research Institute

That is, it means there is existent defined as integrated CASE **meta model**.

Thereafter, the dependence relationship. When the maximum **cardinality** is ...

### Methods and system for model matching

US Pat. 6826568 - Filed Dec 20, 2001 - Microsoft Corporation

With respect to matching **cardinality**, **schema** matchers differ in the ... matcher that associates **attributes** in the two 59 schemas with match signatures. ...

### Mapping of an RDBMS schema onto a multidimensional data model

US Pat. 6768986 - Filed Apr 3, 2001 - Business Objects, S.A.

MAPPING OF AN RDBMS **SCHEMA** ONTO A MULTIDIMENSIONAL **DATA MODEL** CROSS-REFERENCES TO RELATED APPLICATIONS This application claims priority from US Provisional ...

### Method, system, and program for use of metadata to create multidimensional cubes in a relational ...

US Pat. 7181450 - Filed Dec 18, 2002 - International Business Machines Corporation

The optimization rules for a cube **model** metadata object is: (1) the join used in the facts to dimension has a **cardinality** of 1:1 or N:1 and joins a facts' ...

### Mapping of an RDBMS schema onto a multidimensional data model

US Pat. 7181440 - Filed Jul 26, 2004 - Business Objects, S.A.

1 2 MAPPING OF AN RDBMS **SCHEMA** ONTO A BRIEF SUMMARY OF THE INVENTION  
MULTIDIMENSIONAL

**DATA MODEL** The community of OLAP vendors has established a set of ...

### System and method for capturing and storing operational data concerning an internet service ...

US Pat. 6978270 - Filed Nov 16, 2001 - NCR Corporation

A logical **data model** is organized by Subject Areas, each comprised of numerous Entities, **Attributes** and Relationships. The **data model** hierarchy includes one ...

### System and method for capturing and storing web site visitor profile information in a data warehouse

US Pat. 7043497 - Filed Nov 16, 2001 - NCR Corp.

A logical **data model** is organized by Subject Areas, each comprised of numerous Entities, **Attributes** and Relationships. The **data model** hierarchy includes one ...

### Schema driven management of a component-based application


US Pat. 7007280 - Filed Apr 30, 2001 - Adobe Systems Incorporated

In one implementation, a component can have a **cardinality** of "1," ... the assembly **data-structure** is registered in the assembly **schema** database (308). ...

### Knowledge oriented programming

US Pat. 7140000 - Filed Dec 26, 2001 - Certusoft

**Meta Knowledge Model** 165, Application Knowledge **Model** 172, and Appli- 60 cation **Data** 175 are analogous to Relational **Model**, Database **Schema**, and **Data** of ...

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## Patents

Patents 11 - 12 on meta data model attributes schema cardinality. (0.02 seconds)

Did you mean: [metadata model attributes schema cardinality](#)

### Method and system for collaborative ontology modeling

US Pat. 7099885 - Filed May 25, 2001 - Unicorn Solutions

While XML **Schema** specifies a finite list of fields (**attributes**, ... as a basis for **data** standards, including: No single party can **model** the whole world, ...

### Instance browser for ontology

US Pat. 7093200 - Filed Jul 6, 2001

While XML **Schema** specifies a finite list of fields (**attributes**, ... as a basis for **data** standards, including: No single party can **model** the whole world, ...



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## Patents

Patents 1 - 9 on **metadata model attributes schema cardinality**. (0.23 seconds)

### Method and system for providing internet-based database interoperability using a frame model for ...

US Pat. 6704747 - Filed Oct 13, 2000 - Joseph Shi-Piu Fong

27(a), classes X and Y in source schemas A and B are related to each other by a duplicate relationship R. In **schema** A, as indicated by the **cardinality** ...

### Methods and system for model matching

US Pat. 6826568 - Filed Dec 20, 2001 - Microsoft Corporation

Instance-based matchers either use **metadata** and statistics collected from data 5 ... With respect to matching **cardinality**, **schema** matchers differ in the ...

### Method, system, and program for use of metadata to create multidimensional cubes in a relational ...

US Pat. 7181450 - Filed Dec 18, 2002 - International Business Machines Corporation

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### Integrated case repository meta model system for process methodology and integrated supporting ...

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That is, it means there is existent defined as integrated CASE meta **model**. Thereafter, the dependence relationship. When the maximum **cardinality** is ...

### Mapping of an RDBMS schema onto a multidimensional data model

US Pat. 6768986 - Filed Apr 3, 2001 - Business Objects, S.A.

If a relational table defining the relational **model** includes any tables with **cardinality** of 1,1 or 0,1, the tables are merged into a single ...

### Schema driven management of a component-based application

US Pat. 7007280 - Filed Apr 30, 2001 - Adobe Systems Incorporated

In one implementation, a component can have a **cardinality** of "1," indicating ... table 214 have **cardinality attributes**. A **cardinality** of "1" indicates that ...

### System and method for capturing and storing operational data concerning an internet service ...

US Pat. 6978270 - Filed Nov 16, 2001 - NCR Corporation

and dimensional **model**-to-data warehouse mapping. In the operational architecture shown in FIG. 1, Dimensional Data Models 119 and **Metadata** Database 127 ...

### System and method for capturing and storing web site visitor profile information in a data warehouse

US Pat. 7043497 - Filed Nov 16, 2001 - NCR Corp.

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**Mapping of an RDBMS **schema** onto a multidimensional data **model****

US Pat. 7181440 - Filed Jul 26, 2004 - Business Objects, S.A.

**1 2 MAPPING OF AN RDBMS **SCHEMA** ONTO A BRIEF SUMMARY OF THE INVENTION  
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**DATA **MODEL**** The community of OLAP vendors has established a set of ...

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## Patents

Patents **11 - 20** on **metadata model**. (0.11 seconds)

### System and method for online analytical processing

US Pat. 7010523 - Filed Dec 17, 2003 - Oracle International Corporation

To satisfy condition (1) a simple **metadata model** is defined, which contains the... Thus, it is possible for any supported **metadata model** to be translated ...

### Integration platform for heterogeneous databases

US Pat. 5970490 - Filed Nov 4, 1997 - Xerox Corporation

The underlying logical **model** for the **metadata** repository 40 thus is a hierarchical structural **model** that can represent the spanning tree over a graph or ...

### Operational system for operating on client defined rules

US Pat. 6532465 - Filed Apr 5, 2001

For example if the unit of measure for specific application is defined to be a

megabit per second, the **metadata model** is defined to be a megabit per second, ...

### Integrated change management unit

US Pat. 6341287 - Filed Dec 18, 1998 - Alternative Systems, Inc.

The **metadata model** has two main components, a business content data dictionary and an application component. The data dictionary describes or defines the ...

### Hierarchical models of consumer attributes for targeting content in a privacy-preserving manner

US Pat. 6327574 - Filed Feb 1, 1999 - Encirq Corporation

**Model Based Tests** An appeal vector together with a threshold parameter ...**metadata**, **model** data, calendar data, policies, administrative information, ...

### Collection and integration of internet and electronic commerce data in a database during web ...

US Pat. 6128624 - Filed Nov 12, 1997 - NCR Corporation

... wherein the logical data **model** and the formatted file library comprise **metadata**, and the **metadata** includes a description of elements stored in said ...

### Identification and correction of confounders in a statistical analysis

US Pat. 7065524 - Filed Mar 30, 2001 - Pharsight Corporation

2A is a pictorial representation of a first **metadata model** depicting relationships between influencers and outcomes. FIG. 2B is a pictorial representation ...

### Method and system for extending file system **metadata**

US Pat. 6119118 - Filed Jun 1, 1999 - Apple Computer, Inc.

The system provides a format specific, name-space extensible, single-instance **metadata model**. That is, the names of the units of data characterized in the ...

### Computer-based communication system and method using **metadata** defining a control-structure

US Pat. 6345288 - Filed May 15, 2000 - OneName Corporation

3 and 4) between composite and component communications objects can be used generally to **model** many **metadata** relationships. The first advantage to using ...

#### Generalized mechanism for unicode **metadata**

US Pat. 7086004 - Filed Apr 19, 2001 - International Business Machines Corporation

65 As our communication mechanisms advanced so did our need for expressing **metadata**.

FIG. 1 presents the Unicode character/control/**metadata model**, ...



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## Patents

Patents 21 - 30 on **metadata model**. (0.05 seconds)

### Uniform object **model** having methods and additional features for integrating objects defined by ...

US Pat. 6134559 - Filed Apr 27, 1998 - Oracle Corporation

For example, if a entered system includes the uniform object **model** 100 that men... In this way, **metadata** foreign objects, layer onto the foreign objects and ...

### Computer-based communication system and method using **metadata** defining a control-structure

US Pat. 6088717 - Filed Aug 31, 1998 - OneName Corporation

Klemens Bohm & Thomas C. Rakow "**Metadata** for Multimedia Documents" SIGMOD Record,vol. ... C. Fung & M. Pong "MOCS: an Object-Oriented Programming **Model** for ...

### Method for generating OLE automation and IDL interfaces from **metadata** information ...

US Pat. 5848273 - Filed Oct 27, 1995 - Unisys Corp.

If the **model** is an RSM, then non-persistent classes (classes which are not part of the **metadata**) are generated (process block 56). ...

### Universal drill-down system for coordinated presentation of items in different databases

US Pat. 7139766 - Filed Dec 16, 2002 - Business Objects, S.A.

Prior art database systems provide drill-through from OLAP to relational by

building a **metadata model**. However, the **metadata model** only supports OLAP to ...

### Hierarchical **metadata** store for an integrated development environment

US Pat. 6044217 - Filed Oct 23, 1997 - International Business Machines Corporation

Within the data **model** of the invention, a part is a separately editable piece of application definition (**metadata**) distinct from any source files that may ...

### System method and article of manufacture for test operations

US Pat. 5978940 - Filed Aug 20, 1997 - MCI Communications Corporation

To this end, all **metadata** is stored in memory and optimized for speed. ...structure is different enough in the Memory-Based **Metadata model** to warrant more ...

### Method and system for generating a compact document type definition for data interchange among ...

US Pat. 6253366 - Filed Mar 31, 1999 - Unisys Corp.

A "meta- metamodel" means a **model** that defines an abstract language for ...the interchange of **metadata** among repositories and each different type of ...

### Multidimensional domain modeling method and system

US Pat. 5918232 - Filed Nov 26, 1997 - Whitelight Systems, Inc.

The method includes the steps of inputting a query, parsing the query; creating a query component tree, inputting **model metadata** into the Domain Modeling ...

### Class loading **model**



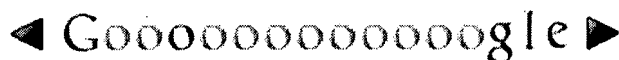
US Pat. 6339841 - Filed Apr 16, 1999 - International Business Machines Corporation  
... BI 1 2 CLASS LOADING **MODEL** class. The program domain is the environment in which  
... This allows the method loader to mum amount of class **metadata** is ...

Method and system for generating a hierarchial document type definition for data interchange ...

US Pat. 6381743 - Filed Mar 31, 1999 - Unisys Corp.

A "meta- metamodel" means a **model** that defines an abstract language go for ...

enables ease of interchanging **metadata** 65 between modeling tools and **metadata** ...



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## Patents

Patents **31 - 40** on **metadata model**. (0.07 seconds)

### Object-oriented system having object models containing plural objects with instantiation ...

US Pat. 5481718 - Filed May 20, 1994 - Fujitsu Limited

17 (DD/DS) for the unitary management of the **metadata** database 211. ... or in the form of semantic data **model**, schematic flowchart, detailed flowchart, ...

### System, method and article of manufacture for time point validation

US Pat. 5987633 - Filed Aug 20, 1997 - MCI Communications Corporation

47 the Disk-Based **Metadata**, organized so as to speed processing. ... in the Memory-Based **Metadata model** to warrant more detail here: struct ...

### Computer system and method to track and control element changes throughout application development

US Pat. 6223343 - Filed Apr 3, 1998 - State Farm Mutual Automobile Insurance Co.

Data maintained today in an Issuance Control Member (ICM) is **metadata MODEL**—a means to express all of the relationships within a system and to graphically ...

### Integrating relational databases in an object oriented environment

US Pat. 5937409 - Filed Jul 25, 1997 - Oracle Corporation

The object mediator 100 utilizes the **metadata** 185 to expose objects and data to the clients 105. The **metadata** 185 supports a meta **model** based software ...

### Financial risk prediction systems and methods therefor

US Pat. 6119103 - Filed May 27, 1997 - Visa International Service Association

The predictive **model** may consist of **model metadata** (which may represent pattern weights, calibration factors, and other data which characterizes and ...

### Contextual relevance engine and knowledge delivery system

US Pat. 7139757 - Filed Dec 21, 2001 - The Procter &amp; Gamble Company

According to one embodiment of the present invention, 55 the system **metadata model** includes support for a default set of **metadata** for major classes of ...

### Method for generating simple document type definitions

US Pat. 6289501 - Filed Mar 31, 1999 - Unisys Corp.

A "meta- go metamodel" means a **model** that defines an abstract language for ... the interchange of **metadata** among repositories and each different type of ...

### METHOD AND APPARATUS FOR PROCESSING MARKUP LANGUAGE SPECIFICATIONS FOR DATA AND METADATA USED ...

US Pat. 6418448 - Filed Dec 6, 1999

Programs and autonomous agents can gain knowledge about data from **metadata** specifications. The RDF **model** draws well-established principles from various data ...

### Backup and restore for heterogeneous file server environment

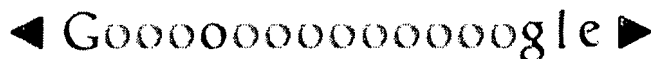
US Pat. 6279011 - Filed Jun 19, 1998 - Network Appliance, Inc.

A file server as in claim 1, wherein said backup element records said **metadata**  
in an analogous record using a data storage and retrieval **model** other than ...

System and method for exchanging data and commands between an object oriented system  
and ...

US Pat. 6163776 - Filed Mar 23, 1998 - Software Tree, Inc.

... system and a relational system having tables denning a relational **model**, ...  
system to retrieve **metadata** including a schema for the relational **model** and ...



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## Patents

Patents **41 - 50** on **metadata model**. (0.05 seconds)

### Computer-implemented method for generating distributed object interfaces from **metadata**

US Pat. 6023579 - Filed Apr 16, 1998 - Unisys Corp.

A metamodel embodies the collective **metadata** 60 tion language and server implementation code for distrib- description of a repository information **model** ...

### Parallel file system and method for independent **metadata** login

US Pat. 6021508 - Filed Jul 11, 1997 - International Business Machines Corporation

Each processor has independent access to the disk and data/**metadata** consistency ... Our recovery **model** implements the following concepts: A group monitoring ...

### Apparatus and method for performing data transformations in data warehousing

US Pat. 6014670 - Filed Nov 7, 1997 - Informatica Corporation

7A shows a **metadata model** for the components of a mapping using the UML notation.

FIG. 7B depicts a UML notation for the components of FIG. 7A. FIG. ...

### Systems, methods and computer program products for generating an object oriented application for ...

US Pat. 6023578 - Filed May 9, 1997 - International Business Macines Corporation

Elements of the original design are not reconverted or bridged to the data **model**.This is due to the Object Builder which can modify the **metadata** in the ...

### Video cataloger system with synchronized encoders

US Pat. 6360234 - Filed Aug 14, 1998 - Virage, Inc.

**Metadata** Index Object **Model** FIG. 7 is an Object **Model** of the same logical **metadata** illustrated in FIG. 6. The elements of this diagram depict the software ...

### Method of markup language accessing of host systems and data using a constructed intermediary

US Pat. 6209124 - Filed Aug 30, 1999 - TouchNet Information Systems, Inc.

In traversing the **metadata** Document Object **Model** (DOM) document and either rendering binary data (input) or XML data (output), there is a need to keep track ...

### Method and system for an object **model** with embedded **metadata** and mapping information

US Pat. 6996566 - Filed Nov 21, 2000 - International Business Machines Corporation

... **model** ... **metadata** ...

### Unified relational database **model** for data mining selected **model** scoring results, **model** training ...

US Pat. 6970882 - Filed Apr 4, 2002 - International Business Machines Corporation

**Model** Scoring Results Tables Selected **Model** Scoring Results Table Figure ...for Scoring Results Data Sets Mining **Model** Control Table **Metadata** Mining Models ...

### Navigating network resources based on **metadata**

US Pat. 6151624 - Filed Feb 3, 1998 - RealNames Corporation

Also in the preferred embodiment, the Index 30 and the Resolver 40 are implemented as a plurality of Component Object **Model** (COM) programmatic objects that ...

Multi-perspective viewer for content-based interactivity

US Pat. 6144375 - Filed Aug 14, 1998 - Praja Inc.

1, an environment **model** builder is required. Individual camera scenes are ...

Some of the **metadata** is feature based, and permits content-based operations. ...



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## Patents

Patents **51 - 60** on **metadata model**. (0.05 seconds)

### Mapping of an RDBMS schema onto a multidimensional data model

US Pat. 6768986 - Filed Apr 3, 2001 - Business Objects, S.A.

A goal is only to have a unified **metadata** objects definition in the data outline that covers all data source in a unified **model**. ...

### Computer architecture and method for collecting, analyzing and/or transforming internet and/or ...

US Pat. 6151601 - Filed Nov 12, 1997 - NCR Corporation

The logical data **model** provides overall descriptions of what the ... **Metadata**

Management Utilities serve as a control center of these different **metadata** for ...

### Computer architecture and method for validating and collecting and metadata and data about the ...

US Pat. 6151584 - Filed Nov 20, 1997 - NCR Corporation

19 terms **model** such that Prediction/Forecasting 352 capabilities can be realized.

... **Metadata** Management Utilities serve as a control center of these ...

### Machine dynamic selection of one video camera/image of a scene from multiple video cameras ...

US Pat. 5729471 - Filed Mar 31, 1995 - The Regents of the University of California

Each 50 camera sequence is stored along with its **metadata**. ... char- MPI video system can use the environment **model** to solve acteristics as would seemingly ...

### Electronic content delivery system

US Pat. 6226618 - Filed Aug 13, 1998 - International Business Machines Corporation

RIGHTS MANAGEMENT ARCHITECTURE **MODEL** 33 A. Architecture Layer Functions ...

Automatic **Metadata** Acquisition Process 83 4. Manual **Metadata** Entry Process 83 5. ...

### Deploying predefined data warehouse process models

US Pat. 6915313 - Filed Dec 6, 2001 - International Business Machines Corporation

Embodiments typically include exporting **metadata** from the predefined warehouse process **model** to an interchange **metadata** file, in which the **metadata** ...

### Secure access method and system

US Pat. 7110982 - Filed Aug 27, 2001 - DPHI Acquisitions, Inc.

This embodiment of a content storage **model** 10 provides a greater level of security for the **metadata** and to encryption keys. Block 184 relates to a **model** of ...

### Metadata driven system for effecting extensible data interchange based on universal modeling ...

US Pat. 6874146 - Filed Jun 30, 1999 - Unisys Corporation

In a similar fashion, a meta-object is an object that represents "**metadata**"; and, "meta-**model**" means a **model** that defines an abstract language for ...

Apparatus and method for creation of a user definable video displayed document showing changes ...

US Pat. 5339392 - Filed Dec 28, 1990

... **METADATA** such as Telerate, Dow Jones News Service, etc. ... self-describ-  
Transport Layer: A layer of the standard ISO **model** ing data objects which will ...

Relational database extenders for handling complex data types

US Pat. 5799310 - Filed Nov 1, 1995 - International Business Machines Corporation

3 shows a general relational extender data **model**; cedures whenever a ... There udfs  
and udfs. is one Base **Metadata** Table for each user business data table. ...



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## Patents

Patents 1 - 10 on **generating services state data extensible metadata**. (0.37 seconds)

### Method for **generating** OLE automation and IDL interfaces from **metadata** information ...

US Pat. 5848273 - Filed Oct 27, 1995 - Unisys Corp.

A repository not only uses a database as a **data** store, but is a layer above ...  
a tool that generates the automation binding from the **metadata** in the Urep. ...

### **Extensible** network management system

US Pat. 6226788 - Filed Jul 22, 1998 - Cisco Technology, Inc.

In block 624, the ANI reads **metadata** 78 from each service module function 76a-76n  
of a ... which provides a number of **services** and initial **state** controls. ...

### Method and system for **generating** a compact document type definition for **data** interchange among ...

US Pat. 6253366 - Filed Mar 31, 1999 - Unisys Corp.

A reference is typically used when it is desired not to duplicate **data**. ...  
the present invention employs the benefits of XMI (XML **Metadata** Interchange), ...

### Component **extensible** parallel execution of multiple threads assembled from program components ...

US Pat. 6205465 - Filed Jul 22, 1998 - Cisco Technology, Inc.

In block 624, the ANI reads **metadata** 78 from each 5 service module function  
76a-76n of a ... which provides a number of **services** and initial **state** controls. ...

### Method and mechanism for a task oriented XML **data** model

US Pat. 6598219 - Filed Oct 6, 1999 - International Business Machines Corporation

Accordingly, there remains a need for **generating** a **data** model which is not ...  
the **data** model takes the form of a document file expressed in **Extensible** ...

### Method and apparatus for providing web based **services** using an XML Runtime model to store **state** ...

US Pat. 6792605 - Filed Jun 10, 1999 - Bow Street Software, Inc.

When a request for **data** or **services** is received, appropriate ser- 30 vices ...  
in the form of **metadata**) about web **services** that are available for use by web ...

### **Extensible** distributed enterprise application integration system

US Pat. 6738975 - Filed Oct 5, 1999 - Software AG, Inc.

However, **data** warehouse developers can leverage the **data** translation **services** of  
system 100, as is described in greater detail herein below, for real-time ...

### Dynamic process-based enterprise computing system and method

US Pat. 6621505 - Filed Sep 30, 1998 - Journee Software Corp.

In a preferred embodiment, processes **metadata** is formatted in an **extensible** markup  
language (XML). The process server may also simplify the distribution of ...

### **Generating** results gates in a distributed computing environment



US Pat. 7016966 - Filed Oct 19, 2000 - Sun Microsystems, Inc.

... in a representation **data** or meta-**data** format, such as in the **extensible** ...

Any notion of **state** may be embedded in the message stream between sender and ...

### Extensible navigation systems

US Pat. 7043357 - Filed Sep 2, 2005 - Infogation Corporation

The the usage of **data** within the cache, and once the cache size call ... **data** set,

or may version stamp that reflects the **state** of the **data** within the ...

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## Patents

Patents **11 - 20** on **generating services state data extensible metadata**. (0.03 seconds)

### Metadata-aware enterprise application integration framework for application server environment

US Pat. 7152090 - Filed Jan 18, 2002 - Sun Microsystems, Inc.

On **metadata** repository 130, EIS instances may be represented as **data** sources.

... Transformations may be specified as XSLT (**Extensible** Stylesheet Language ...

### Method and system for generating a hierarchical document type definition for data interchange ...

US Pat. 6381743 - Filed Mar 31, 1999 - Unisys Corp.

A reference is typically used when it is desired not to duplicate **data**. ...

the present invention employs the benefits of XMI (XML **Metadata** Interchange), ...

### Method and system for performing advanced object searching of a metadata repository used by a ...

US Pat. 6697808 - Filed Jun 19, 2001 - MicroStrategy, Inc.

The analytical engine 104 may include a set of **extensible** modules to run a ...

in the **State** of New York for the year 1999. The **data** storage devices 108a, ...

### Messaging system using pairs of message gates in a distributed computing environment

US Pat. 7065574 - Filed Sep 11, 2000 - Sun Microsystems, Inc.

26a and illustrating an authentication service **generating** an ... representation

**data** or meta-**data** format, such as in the **extensible** Mark-up Language (XML). ...

### Method and system for relocating files that are partially stored in remote storage

US Pat. 6804719 - Filed Aug 24, 2000 - Microsoft Corporation

For instance, the **metadata** for a **data** stream at an atomic point in time may ...

systems includes updating **metadata** and **generating** new on-disk allocations ...

### Programming model for subscription services

US Pat. 7177859 - Filed Jun 26, 2002 - Microsoft Corporation

5 Subscriptions based on application **state** (eg, event history, ... notification

**services** service and the system databases), stores system **data** and provides ...

### Method for converting a UML rendering of an RSM-based metamodel to a UML rendering of MOF-based ...

US Pat. 6684386 - Filed Jun 13, 2000 - Unisys Corporation

It is an **extensible** object model contained in every repository instance. ...

**GENERATING** OLE AUTOMATION AND IDL INTERFACES FROM **METADATA** INFORMATION; US Pat. ...

### Workflow integration system for enterprise wide electronic collaboration

US Pat. 7051071 - Filed Feb 16, 2001 - BEA Systems, Inc.

35 XML is a **metadata** language, a language used to define other languages and a

universal standard for structuring **data**. XML is intrinsically **extensible** and ...

Message gates using a shared transport in a distributed computing environment

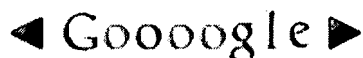
US Pat. 7010573 - Filed Oct 19, 2000 - Sun Microsystems, Inc.

26a and illustrating an authentication service **generating** an ... for simple messages in a representation **data** or meta-**data** format, such as in the **extensible** ...

Method for providing real-time conversations among business partners

US Pat. 7051072 - Filed Jul 16, 2001 - BEA Systems, Inc.

30 XML is a **metadata** language, a language used to define other languages and a universal standard for structuring **data**. XML is intrinsically **extensible** and ...



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## Patents

Patents 21 - 30 on **generating services state data extensible metadata**. (0.04 seconds)

### Method for dynamically linking two objects in two different models

US Pat. 6611847 - Filed Dec 30, 1999 - Unisys Corporation

The repository program 15 is a specialized, **extensible** 45 object-oriented ...

FOR **GENERATING** OLE AUTOMATION AND IDL INTERFACES FROM **METADATA** INFORMATION; ...

### Method for generating simple document type definitions

US Pat. 6289501 - Filed Mar 31, 1999 - Unisys Corp.

A 65 reference is typically used when it is desired not to duplicate **data**. ...

the present invention employs the benefits of XMI (XML **Metadata** Interchange), ...

### Method for integrating models in a modelling tool into an object oriented repository

US Pat. 6327698 - Filed Dec 23, 1998 - Unisys Corp.

The repository program 12 is a specialized, **extensible** object-oriented ...

**GENERATING** OLE AUTOMATION AND IDL INTERFACES FROM **METADATA** INFORMATION; US Pat. ...

### Method for associating classes contained in the same or different models

US Pat. 6401100 - Filed Dec 9, 1998 - Unisys Corp.

The repository program 15 is a specialized, **extensible** object-oriented ...

**GENERATING** OLE AUTOMATION AND IDL INTERFACES FROM **METADATA** INFORMATION; US Pat. ...

### Method and system for processing rules using an **extensible** object-oriented model resident within ...

US Pat. 6415275 - Filed Aug 5, 1999 - Unisys Corp.

A reference is typically used when it is desired not to duplicate **data**. ...

**GENERATING** OLE AUTOMATION AND IDL INTERFACES FROM **METADATA** INFORMATION; US Pat. ...

### XML-based system and method for collaborative web-based design and verification of system-on-a-chip

US Pat. 6968346 - Filed Apr 23, 2001 - International Business Machines Corporation

Thus, all members of the design team have access to the 10 current **state** of ...

service exchange utilizing **extensible** Markup Language (XML) wrapped **data**, ...

### Enterprise workflow screen based navigational process tool system and method

US Pat. 6990636 - Filed May 2, 2003 - Initiate Systems, Inc.

In a preferred embodiment, processes **metadata** is formatted in an **extensible** markup language (XML). The process server may also simplify the distribution of ...

### IMS transaction messages metamodel

US Pat. 6910216 - Filed May 4, 2001 - International Business Machines Corporation

FIG. illustrates the OTMA prefix in **state** defined **data** types. ... a programmer

to interpret a Web file that uses the **Extensible** Markup Language, that is, ...

### Method for representing terminal-based applications in the unified modeling language

US Pat. 6550054 - Filed Nov 17, 1999 - Unisys Corporation

A reference is typically used when it is desired not to duplicate **data**. ...

**GENERATING OLE AUTOMATION AND IDL INTERFACES FROM METADATA INFORMATION**; US Pat. ...

Method for merging repository updates with incomplete work in progress

US Pat. 6275787 - Filed Oct 14, 1998 - Unisys Corp.

A reference is typically used when it is desired not to duplicate **data**. ...

**GENERATING OLE AUTOMATION AND IDL INTERFACES FROM METADATA INFORMATION**; US Pat. ...



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## Patents

Patents **31 - 32** on **generating services state data extensible metadata**. (0.02 seconds)

### Message conductors in a distributed computing environment

US Pat. 6950875 - Filed Oct 19, 2000 - Sun Microsystems, Inc.

17 illustrates one example of advertisement **state** transitions that an advertisement may ... 26a and illustrating an authentication service **generating** an ...

### Spawning new repository spaces using information provided in advertisement schema messages

US Pat. 6918084 - Filed Aug 31, 2000 - Sun Microsystems, Inc.

17 illustrates one example of advertisement **state** transitions that an advertisement may ... 26a and illustrating an authentication service **generating** an ...



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## RESULT LIST

Approximately **61** results found in the Worldwide database for:  
**meta** in the title AND **model** in the title or abstract  
(Results are sorted by date of upload in database)

- 1 Method and system for generating a web services meta model on the java stack**  
Inventor: BAIKOV CHAVDAR S (BG); ANGELOV DIMITAR (BG); (+3)      Applicant:  
EC:      IPC: **G06F17/00; G06F17/00**  
Publication info: **US2007073769** - 2007-03-29
- 2 System and method for using machine-readable meta-models for interpreting data models in a computing environment**  
Inventor: FARKAS KEITH I (US); ARLITT MARTIN F (CA); (+3)      Applicant:  
EC:      IPC: **G05B13/02; G05B13/02**  
Publication info: **US2007011299** - 2007-01-11
- 3 Method and apparatus for pattern-based system design analysis using a meta model**  
Inventor: ALI SYED M (US); KAMEN YURY (US); (+4)      Applicant: SUN MICROSYSTEMS INC (US)  
EC:      IPC: **G06F9/45; G06F9/45**  
Publication info: **US2006265699** - 2006-11-23
- 4 Optimizing, designing and modeling tool for control architecture of telecommunication network, has meta-model formed by meta-classes and interrelations, where support functions meta-class clusters network and user information functions**  
Inventor: FROMENTOUX GAELE; MENAI MOHAMED FOUZ      Applicant: FRANCE TELECOM (FR)  
EC: **G06F9/44G4D**      IPC: **G06F17/50; G06F15/76; H04L12/24 (+3)**  
Publication info: **FR2882603** - 2006-09-01
- 5 Mapping a semantic model of business collaboration to a web services meta model**  
Inventor: THOME FRANK (DE); STUHEC GUNTHER (DE)      Applicant:  
EC: **G06Q10/00F**      IPC: **G06F7/00; G06F7/00**  
Publication info: **US2006136489** - 2006-06-22
- 6 Defining expressions in a meta-object model of an application**  
Inventor: GRIFFIN CATHERINE S (GB)      Applicant:  
EC:      IPC: **G06F9/45; G06F9/45**  
Publication info: **US2006130015** - 2006-06-15
- 7 Service meta model for an enterprise service architecture**  
Inventor: BRENDLE RAINER (DE); FIEDLER THOMAS (DE); (+1)      Applicant:  
EC:      IPC: **G06F9/44; G06F17/21; G06F9/44 (+1)**  
Publication info: **US2006129974** - 2006-06-15
- 8 Adaptive data warehouse meta model**  
Inventor: CHOWDHARY PAWAN R (US); JENG JUN-JANG      Applicant:  
(US); (+3)  
EC: **G06F17/30S8T**      IPC: **G06F7/00; G06F7/00**  
Publication info: **US2006112109** - 2006-05-25
- 9 META MODEL FOR AN ENTERPRISE SERVICE ARCHITECTURE**  
Inventor: BRENDLE RAINER (DE); BRUNSWIG FRANK (DE); (+6)      Applicant: SAP AG (DE)  
EC: **G06Q10/00F**      IPC: **G06Q10/00; G06Q10/00; (IPC1-7): G06F17/30**

Publication info: **EP1646955** - 2006-04-19

**10 Process for the creation of fuzzy cognitive maps from monte carlo simulation generated meta model**

Inventor: MARCZYK JACEK (IT)

Applicant:

EC:

IPC: **G06F15/18; G06F15/18**

Publication info: **US2006074819** - 2006-04-06

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### 11 Meta-data based method for local cache utilization

Inventor: SINGH AJIT (CA); AHMED SALMAAN (CA) Applicant: SLIPSTREAM DATA INC (CA)  
EC: G06F17/30W9C; H04L29/06; (+1) IPC: **G06F15/173; H04L29/06; H04L29/08** (+4)  
Publication info: **US2005138176** - 2005-06-23

### 12 System and method of using meta-data in speech processing

Inventor: BACCHIANI MICHIEL A (US); MASKEY SAMEER R (US); (+2) Applicant: AT & T CORP (US)  
EC: IPC: **G10L15/00; G10L15/00; (IPC1-7): G10L15/00**  
Publication info: **US2005096908** - 2005-05-05

### 13 System and method for using meta-data dependent language modeling for automatic speech recognition

Inventor: BACCHIANI MICHIEL A U (US); ROARK BRIAN E (US) Applicant: AT & T CORP (US)  
EC: G10L15/18C2S IPC: **G10L15/18; G10L15/00; (IPC1-7): G10L15/00**  
Publication info: **US2005096907** - 2005-05-05

### 14 SYSTEM AND METHOD FOR USING META-DATA DEPENDENT LANGUAGE MODELING FOR AUTOMATIC SPEECH RECOGNITION

Inventor: BACCHIANI MICHIEL A U (US); ROARK BRIAN E (US) Applicant: AT & T CORP (US)  
EC: G10L15/18C2S IPC: **G10L15/18; G10L15/22; G10L15/00** (+2)  
Publication info: **CA2486128** - 2005-04-30

### 15 A SYSTEM AND METHOD OF USING META-DATA IN SPEECH-PROCESSING

Inventor: MASKEY SAMEER RAJ (US); ROARK BRIAN E (US); (+2) Applicant: AT & T CORP (US)  
EC: G10L15/18C2F; G10L15/18C2S IPC: **G10L15/18; G10L15/00; (IPC1-7): G06F17/20** (+1)  
Publication info: **CA2486125** - 2005-04-30

### 16 METHOD AND SYSTEM FOR OPTIMIZATION OF GENERAL SYMBOLICALLY EXPRESSED PROBLEMS, FOR CONTINUOUS REPAIR OF STATE-FUNCTIONS, INCLUDING STATE FUNCTIONS DERIVED FROM SOLUTIONS TO COMPUTATIONAL OPTIMIZATION, FOR GENERALIZED CONTROL OF COMPUTATIONAL PROCESSES...

Inventor: KOHN WOLF; BRAYMAN VLADIMIR Applicant: CLEARSIGHT SYSTEMS INC (US)  
EC: G05B13/02A2 IPC: **G05B13/02; G05B13/02; (IPC1-7): G06F**  
Publication info: **WO2005048018** - 2005-05-26

### 17 Single file serialization for physical and logical meta-model information

Inventor: HANSON STEPHEN M (GB); KALIA SUMAN K (CA); (+3) Applicant: IBM (US)  
EC: G06F17/22M IPC: **G06F17/22; G06F17/22; (IPC1-7): G06F17/00**  
Publication info: **US2005091249** - 2005-04-28

### 18 CASCADED HIDDEN MARKOV MODEL FOR META-STATE ESTIMATION

Inventor: KIMBALL STEVEN F (US); COMO JOANNE N (US) Applicant: BAE SYSTEMS INFORMATION (US); KIMBALL STEVEN F (US); (+1)  
EC: G10L11/00A; G10L11/02 IPC: **G10L11/00; G10L11/02; G10L15/14** (+3)  
Publication info: **WO2004093057** - 2004-10-28

### 19 Method and system for optimization of geneal symbolically expressed problems, for continuous repair of state functions, including state functions derived from solutions to computational optimization, for

**generalized control of computational processes...**

Inventor: KOHN WOLF (US); BRAYMAN VLADIMIR (US) Applicant:

EC: G05B13/02A2

IPC: **G05B13/02; G05B13/02**; (IPC1-7): G05B13/02

Publication info: **US2005102044** - 2005-05-12

**20 Systems and methods for validating design meta-data**

Inventor: KRISHNASWAMY JANAKI (US); BUSSLER Applicant: ORACLE INT CORP (US)

CHRISTOPH (IE)

EC:

IPC: **G06F17/00; G06F17/00**; (IPC1-7): G06F17/00

Publication info: **US2005125438** - 2005-06-09

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- 21 Meta-model for associating multiple physical representations of logically equivalent entities in messaging and other applications**  
Inventor: KALIA SUMAN K (CA); SPRIET DAVID A (CA); Applicant: IBM (US)  
(+1)  
EC: G06F17/30B2 IPC: **G06E1/00; G06E3/00; G06F9/06** (+21)  
Publication info: **US2004103071** - 2004-05-27
- 22 A PROCESS FOR THE CREATION OF FUZZY COGNITIVE MAPS FROM MONTE CARLO SIMULATION GENERATED META MODEL**  
Inventor: JACEK MARCZYK (ES) Applicant: COMPLEX SYSTEMS ENGINEERING IN (US); JACEK MARCZYK (ES)  
EC: G06N7/02; G06F17/50C IPC: **G06N7/02; G06N7/00; H05F** (+1)  
Publication info: **WO2004039131** - 2004-05-06
- 23 System and procedure in the processing and visualisation of search results produced by an index based search engine, interface model and corresponding meta-models**  
Inventor: BOUVILLE CHRISTIAN (FR); CELLARY WOJCIECH (PL); (+3) Applicant: FRANCE TELECOM (FR)  
EC: G06T17/00; G06F17/30T2V; (+3) IPC: **G06F17/30; G06T11/20; G06T17/00** (+6)  
Publication info: **EP1408428** - 2004-04-14
- 24 Extensibility application programming interface and framework for meta-model objects**  
Inventor: BLOESCH ANTHONY (US); RAJAGOPAL RAMESH (US) Applicant:  
EC: G06F9/44M IPC: **G06F3/00; G06F3/00; (IPC1-7): G06F3/00**  
Publication info: **US2005066338** - 2005-03-24
- 25 Pluggable state meta-data processors based on meta information modeling in a service oriented architecture**  
Inventor: JOSEPH JOSH Y (US); MAGUIRE THOMAS R (US) Applicant: IBM (US)  
EC: IPC: **G06F15/177; H04L29/00; H04L29/06** (+4)  
Publication info: **US2005050311** - 2005-03-03
- 26 Method and apparatus for generating service oriented state data and meta-data using meta information modeling**  
Inventor: AN LIANJUN (US); JOSEPH JOSH Y (US); (+1) Applicant: IBM (US)  
EC: IPC: **G06F15/16; G06F15/16; (IPC1-7): G06F15/16**  
Publication info: **US2005050141** - 2005-03-03
- 27 Method and system for creating a protocol-independent meta-model in a Network Management System of a telecommunication network**  
Inventor: CANALI MASSIMO (IT); MUSSINI MARCO (IT); (+1) Applicant: CIT ALCATEL (FR)  
EC: H04L12/24A3; H04L12/24A4; (+1) IPC: **H04L12/24; H04L12/24; (IPC1-7): H04L12/24**  
Publication info: **EP1480377** - 2004-11-24
- 28 Element management system with data-driven interfacing driven by instantiation of meta-model**  
Inventor: NAIK DHARMENDRA (US); GALOU SALIM (US); (+2) Applicant: FUJITSU NETWORK COMMUNICATIONS (US)  
EC: H04L12/24A6; H04L12/24B2; (+2) IPC: **H04L12/24; H04L12/24; (IPC1-7): H04M7/00**  
Publication info: **US2004081308** - 2004-04-29
- 29 META-MODELS FOR PREDICTING BLOOD BRAIN BARRIER**

**PENETRATION BASED ON SIMPLE PHYSICOCHEMICAL  
DESCRIPTORS**

Inventor: RUSSELL STUART J (US)

Applicant: ARQULE INC (US); RUSSELL STUART J (US)

EC: G01N33/15; G06F19/00M3S

IPC: **G01N33/15; G06F19/00; G01N33/15** (+2)

Publication info: **WO2004010100** - 2004-01-29

**30 Method for parallel simulation on a single microprocessor using meta-models**

Inventor: ARMBRUSTER FRANK (DE); HOPPE BODO  
EBERHARD (DE); (+2)

Applicant: IBM (US)

EC: G06F17/50C3

IPC: **G06F17/50; G06F17/50**; (IPC1-7): G06F17/50

Publication info: **US2002173943** - 2002-11-21

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## RESULT LIST

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**meta** in the title AND **model** in the title or abstract  
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### 31 Object property meta model emulator for legacy data structures.

Inventor: MINTZ ERIC

Applicant: COMPUTER ASS THINK INC

EC: G06F9/44M; G06F9/46R6

IPC: **G06F9/54; G06F9/44; G06F9/46** (+3)

Publication info: **ZA200200613** - 2003-02-14

### 32 Meta-templates in website development and methods therefor

Inventor: SRIDHAR MANDAYAM ANDAMPILLAI (US)

Applicant:

EC: G06F17/30S8; G06F17/30W7L

IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F17/00

Publication info: **US2003221162** - 2003-11-27

### 33 META-APPLICATION ARCHITECHTURE FOR INTEGRATING PHOTO-SERVICE WEBSITES

Inventor: MORRIS ROBERT PAUL

Applicant: FLASHPOINT TECHNOLOGY INC (US)

EC: H04L29/06E; H04L29/08A7; (+3)

IPC: **G06T1/00; G06F13/00; G06F15/00** (+10)

Publication info: **WO0242884** - 2002-05-30

### 34 GENERATING MULTIDIMENSIONAL OUTPUT USING META-MODELS AND META-OUTLINE

Inventor: LAMPSON DALE; BEARDSLEY BRENT; (+1)

Applicant: HYPERION SOLUTIONS CORP (US)

EC: G06F17/30S8R

IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F17/30

Publication info: **WO0193111** - 2001-12-06

### 35 CICS BMS (Basic Message Service) meta model

Inventor: HO SHYH-MEI F (US); KRASUN ANDRZEJ

Applicant: IBM (US)

MCCOLL (GB); (+1)

EC: G06F9/46R6; G06F9/50A6

IPC: **G06F9/00; G06F9/46; G06F9/00** (+3)

Publication info: **US2002042849** - 2002-04-11

### 36 Apparatus for meta object facility repository bootstrap

Inventor: HREBEJK PETR (CZ); MATULA MARTIN (CZ); Applicant:

(+1)

EC: G06F17/30W7S

IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F9/00

Publication info: **US2002165996** - 2002-11-07

### 37 Method for meta object facility repository bootstrap

Inventor: HREBEJK PETR (CZ); MATULA MARTIN (CZ); Applicant:

(+1)

EC: G06F9/44M

IPC: **G06F9/44; G06F9/44**; (IPC1-7): G06F7/00

Publication info: **US2002165866** - 2002-11-07

### 38 Methods and systems for generating source code for object oriented elements

Inventor: CHARISIUS DIETRICH (DE); COAD PETER

Applicant:

(US)

EC: G06F9/44G2G; G06F9/44G4; (+3)

IPC: **G06F9/44; G06F9/44**; (IPC1-7): G06F9/44

Publication info: **US2002032900** - 2002-03-14

### 39 Imaging information stored in objects by generation of a new meta-model, a so-called meta-meta model so that the overall information model is optimized.

Inventor: BENSE HERMANN (DE)

Applicant: NEXUS GMBH (DE)

EC: G06F17/30S8T

IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F17/60 (+1)

Publication info: **DE10101532** - 2002-07-25

### 40 System and method for meta-pattern discovery

**Inventor:** WANG WEI (US); YANG JIONG (US); (+1)

**Applicant:**

**EC:** G06K9/00M2

**IPC:** *G06K9/00*; *G06K9/00*; (IPC1-7): G06F17/00

**Publication info:** **US2002087495** - 2002-07-04

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## RESULT LIST

52 results found in the Worldwide database for:  
**meta** in the title AND **model** in the title or abstract  
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- 41 Methods and apparatus for selecting a data classification model using meta-learning**  
Inventor: VILALTA RICARDO (US); RISH IRINA (US)      Applicant: IBM (US)  
EC: G06F17/30T1C      IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**  
Publication info: **US6842751** - 2005-01-11
- 42 OBJECT MODELING TOOL WITH META MODEL SEMANTIC REGISTRY (RULES) A META DATA MANAGER FOR OBJECT(S) PROPERTIES AN OBJECT/PROPERTY INTERFACE FOR INSTANCE(S) OF OBJECTS/PROPERTIES RECEIVED VIA OBJECT/PROPERTY INTERFACE OF THE OBJECT FACTORY REGISTRY**  
Inventor: DEFFLER TAD A (US); RUSSO MARK (US)      Applicant: COMPUTER ASS THINK INC (US)  
EC:      IPC: **G06F9/44; G06F9/44; (IPC1-7): G06F9/44**  
Publication info: **US6859919** - 2005-02-22
- 43 Object property meta model emulator for legacy data structures**  
Inventor: MINTZ ERIC (US)      Applicant: COMPUTER ASS THINK INC (US)  
EC: G06F9/44G4M; G06F9/44M      IPC: **G06F9/44; G06F9/44; (IPC1-7): G06F9/45**  
Publication info: **US6305007** - 2001-10-16
- 44 Metadata driven system for effecting extensible data interchange based on universal modeling language (UML), meta object facility (MOF) and extensible markup language (XML) standards**  
Inventor: IYENGAR SRIDHAR SRINIVASA (US)      Applicant: UNISYS CORP (US)  
EC:      IPC: **G06F9/46; G06F9/46; (IPC1-7): G06F9/46**  
Publication info: **US6874146** - 2005-03-29
- 45 Service creation environment (Meta Model Editor)**  
Inventor: KAPLAN ROBERT (US)      Applicant: HARRIS CORP (US)  
EC: G06F3/048A1      IPC: **G06F3/033; G06F3/033; (IPC1-7): G06F3/14**  
Publication info: **US6215489** - 2001-04-10
- 46 SERVICE CREATION ENVIRONMENT (META MODEL EDITOR)**  
Inventor: KAPLAN ROBERT      Applicant: HARRIS CORP (US)  
EC: G06F17/30B      IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F3/00**  
Publication info: **WO0019304** - 2000-04-06
- 47 META-DATA CONTAINER AND META-DATA STORE**  
Inventor: CHRISTOPHER LAURENCE BLAIRLEY; JEFFREY GRANT JOHNSTON; (+4)      Applicant: IBM  
EC: G06F9/44G4; G06F9/44G4D      IPC: **G06F9/06; G06F9/44; G06F9/06 (+3)**  
Publication info: **JP10275077** - 1998-10-13
- 48 Integrated case repository meta model system for process methodology and integrated supporting method**  
Inventor: LEE HEON KI (KR); SHIN GYU SANG (KR)      Applicant: KOREA ELECTRONICS TELECOMM (KR)  
EC: G06F9/44G4      IPC: **G06F9/44; G06F9/44; (IPC1-7): G06F17/30**  
Publication info: **US5995969** - 1999-11-30
- 49 Development system providing methods for managing different versions of objects with a meta model**  
Inventor: ALMOND KENNETH (US); WAIT ROBERT (US); Applicant: SYBASE INC (US) (+2)  
EC: G06F9/44G4C      IPC: **G06F9/44; G06F9/44; (IPC1-7): G06F17/00**

Publication info: **US6112024** - 2000-08-29

**50 Method for transforming relational data base schemas into object models using ideal table meta models**

Inventor: SHEN HWA N (US); PREMERLANI WILLIAM J (US); (+1) Applicant: GEN ELECTRIC (US)

EC: G06F17/30S8R; G06F17/30S8T

IPC: **G06F7/00; G06F17/30; G06F7/00** (+3)

Publication info: **US5596746** - 1997-01-21

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Data supplied from the **esp@cenet** database - Worldwide



## RESULT LIST

52 results found in the Worldwide database for:  
**meta** in the title AND **model** in the title or abstract  
(Results are sorted by date of upload in database)

- 41 Methods and apparatus for selecting a data classification model using meta-learning**  
Inventor: VILALTA RICARDO (US); RISH IRINA (US) Applicant: IBM (US)  
EC: G06F17/30T1C IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F17/30  
Publication info: **US6842751** - 2005-01-11
- 42 OBJECT MODELING TOOL WITH META MODEL SEMANTIC REGISTRY (RULES) A META DATA MANAGER FOR OBJECT(S) PROPERTIES AN OBJECT/PROPERTY INTERFACE FOR INSTANCE(S) OF OBJECTS/PROPERTIES RECEIVED VIA OBJECT/PROPERTY INTERFACE OF THE OBJECT FACTORY REGISTRY**  
Inventor: DEFFLER TAD A (US); RUSSO MARK (US) Applicant: COMPUTER ASS THINK INC (US)  
EC: IPC: **G06F9/44; G06F9/44**; (IPC1-7): G06F9/44  
Publication info: **US6859919** - 2005-02-22
- 43 Object property meta model emulator for legacy data structures**  
Inventor: MINTZ ERIC (US) Applicant: COMPUTER ASS THINK INC (US)  
EC: G06F9/44G4M; G06F9/44M IPC: **G06F9/44; G06F9/44**; (IPC1-7): G06F9/45  
Publication info: **US6305007** - 2001-10-16
- 44 Metadata driven system for effecting extensible data interchange based on universal modeling language (UML), meta object facility (MOF) and extensible markup language (XML) standards**  
Inventor: IYENGAR SRIDHAR SRINIVASA (US) Applicant: UNISYS CORP (US)  
EC: IPC: **G06F9/46; G06F9/46**; (IPC1-7): G06F9/46  
Publication info: **US6874146** - 2005-03-29
- 45 Service creation environment (Meta Model Editor)**  
Inventor: KAPLAN ROBERT (US) Applicant: HARRIS CORP (US)  
EC: G06F3/048A1 IPC: **G06F3/033; G06F3/033**; (IPC1-7): G06F3/14  
Publication info: **US6215489** - 2001-04-10
- 46 SERVICE CREATION ENVIRONMENT (META MODEL EDITOR)**  
Inventor: KAPLAN ROBERT Applicant: HARRIS CORP (US)  
EC: G06F17/30B IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F3/00  
Publication info: **WO0019304** - 2000-04-06
- 47 META-DATA CONTAINER AND META-DATA STORE**  
Inventor: CHRISTOPHER LAURENCE BLAIRLEY; JEFFREY GRANT JOHNSTON; (+4) Applicant: IBM  
EC: G06F9/44G4; G06F9/44G4D IPC: **G06F9/06; G06F9/44; G06F9/06** (+3)  
Publication info: **JP10275077** - 1998-10-13
- 48 Integrated case repository meta model system for process methodology and integrated supporting method**  
Inventor: LEE HEON KI (KR); SHIN GYU SANG (KR) Applicant: KOREA ELECTRONICS TELECOMM (KR)  
EC: G06F9/44G4 IPC: **G06F9/44; G06F9/44**; (IPC1-7): G06F17/30  
Publication info: **US5995969** - 1999-11-30
- 49 Development system providing methods for managing different versions of objects with a meta model**  
Inventor: ALMOND KENNETH (US); WAIT ROBERT (US); Applicant: SYBASE INC (US) (+2)  
EC: G06F9/44G4C IPC: **G06F9/44; G06F9/44**; (IPC1-7): G06F17/00

Publication info: **US6112024** - 2000-08-29

**50 Method for transforming relational data base schemas into object models using ideal table meta models**

Inventor: SHEN HWA N (US); PREMERLANI WILLIAM J Applicant: GEN ELECTRIC (US)  
(US); (+1)

EC: G06F17/30S8R; G06F17/30S8T

IPC: **G06F7/00; G06F17/30; G06F7/00** (+3)

Publication info: **US5596746** - 1997-01-21

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

7 results found in the Worldwide database for:  
**schema** in the title AND **meta and model** in the title or abstract  
(Results are sorted by date of upload in database)

### 1 SYSTEM FOR CONVERTING SCHEMA OF CASE MODEL INFORMATION

Inventor: JUNG HYO TAEK; LEE SEON MI; (+1)

Applicant: KOREA ELECTRONICS TELECOMM

EC:

IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**

Publication info: **KR100309670B** - 2001-09-10

### 2 SCHEMA AND STYLE SHEET FOR DIBR DATA

Inventor: JANG GYEONG-JA; KAN MANCHIN; (+2)

Applicant: SAMSUNG ELECTRONICS CO LTD

EC: H04N7/24C12

IPC: **G06T17/40; H04N7/24; G06T17/40 (+2)**

Publication info: **JP2005276193** - 2005-10-06

### 3 Schema for SQL statements

Inventor: MAH ERNEST WING (CA); LAU CHRISTINA P (CA)

Applicant: IBM (US)

EC: G06F17/30S4P2R

IPC: **G06F7/00; G06F9/44; G06F17/30 (+4)**

Publication info: **US2003037039** - 2003-02-20

### 4 System and method for providing a data warehouse in accordance with a virtual schema

Inventor: CHEN LI-WEN (US); ORTIZ JUAN J (US)

Applicant: METAEDGE COPORATION (US)

EC: G06F17/30B; G06F17/30T

IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F7/00**

Publication info: **US2002116389** - 2002-08-22

### 5 METHOD FOR PROVIDING A REVERSE STAR SCHEMA DATA MODEL

Inventor: CHEN LI-WEN (US); ORTIZ JUAN J (US)

Applicant: METAEDGE CORP (US); CHEN LI WEN (US); (+1)

EC: G06F17/30B; G06F17/30T

IPC: **G06Q10/00; G06F17/30; G06F19/00 (+4)**

Publication info: **WO0042532** - 2000-07-20

### 6 System for providing a reverse star schema data model

Inventor: CHEN LI-WEN (US)

Applicant: METAEDGE CORP (US)

EC: G06F17/30B; G06F17/30T

IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/60**

Publication info: **US6363353** - 2002-03-26

### 7 Apparatus for providing a reverse star schema data model

Inventor: CHEN LI-WEN (US)

Applicant: METAEDGE CORP (US)

EC: G06F17/30B; G06F17/30T

IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/60**

Publication info: **US6411961** - 2002-06-25

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

6 results found in the Worldwide database for:

**meta** in the title AND **data and relationship** in the title or abstract

(Results are sorted by date of upload in database)

### 1 META DATA ADDING DEVICE AND META DATA ADDING METHOD

Inventor: INATOMI YASUAKI; KAGEYAMA MITSUHIRO; Applicant: MATSUSHITA ELECTRIC IND CO LTD (+2)

EC: IPC: **H04N5/91; G06F17/30; H04N5/225** (+5)

Publication info: **JP2007013939** - 2007-01-18

### 2 Meta data access control system, method thereof, reception device, and transmission device

Inventor: HIROSHI TOMIOKA YOSHIAKI TAKEU (JP) Applicant: MATSUSHITA ELECTRIC IND CO LTD (JP)

EC: IPC: **H04N7/173; H04N7/173**

Publication info: **CN1883201** - 2006-12-20

### 3 META DATA ACCESS CONTROL SYSTEM, METHOD THEREOF, RECEPTION DEVICE, AND TRANSMISSION DEVICE

Inventor: TOMIOKA YOSHIAKI (JP); TAKEUCHI YOSHIYASU (JP); (+3) Applicant: MATSUSHITA ELECTRIC IND CO LTD (JP)

EC: **H04N7/16E3** IPC: **H04N7/16; H04N7/16**; (IPC1-7): **H04N7/173**

Publication info: **EP1679896** - 2006-07-12

### 4 DATACAST FILE TRANSMISSION WITH META-DATA RETENTION

Inventor: PAILA TONI (FI); LUOMA JUHA-PEKKA (FI); (+1) Applicant: NOKIA CORP (FI); NOKIA INC (US); (+3)

EC: IPC: **G06F7/00; G06F17/30; G06F** (+3)

Publication info: **WO2004068263** - 2004-08-12

### 5 Exstensibility application programming interface and framework for meta-model objects

Inventor: BLOESCH ANTHONY (US); RAJAGOPAL RAMESH (US) Applicant:

EC: **G06F9/44M** IPC: **G06F3/00; G06F3/00**; (IPC1-7): **G06F3/00**

Publication info: **US2005066338** - 2005-03-24

### 6 System and method for using schema attributes as meta-data in a directory service

Inventor: JEX ALAN R (US); BROUGH FARRELL LYNN (US); (+1) Applicant: NOVELL INC (US)

EC: **G06F17/30S8T** IPC: **G06F17/30; G06F17/30**; (IPC1-7): **G06F17/30**

Publication info: **US6721758** - 2004-04-13

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

6 results found in the Worldwide database for:  
**abstraction** in the title AND **metadata** in the title or abstract  
(Results are sorted by date of upload in database)

- 1 ABSTRACTION OF UPnP CONTAINER SYSTEM FOR NON-SEARCHABLE DEVICES**  
Inventor: JOSHI ANIRUDH (US)      Applicant: PIONEER RES CT USA INC (US); JOSHI ANIRUDH (US)  
EC: H04L29/08N27C      IPC: **H04L29/08; G06F17/30; H04L29/08 (+1)**  
Publication info: **WO2007059213** - 2007-05-24
- 2 SELF-DESCRIPTION ARTIFACT AND APPLICATION ABSTRACTION**  
Inventor: ZORN BENJAMIN; HUNT GALEN C; (+6)      Applicant: MICROSOFT CORP  
EC: G06F9/445N      IPC: **G06F21/22; G06F21/22**  
Publication info: **JP2006164287** - 2006-06-22
- 3 Method and process of query optimization to a given environment via specific abstraction layer domain knowledge**  
Inventor: DETTINGER RICHARD D (US); DRUCKER TRAVIS M (US); (+2)      Applicant: IBM (US)  
EC:      IPC: **G06F17/30; G06F17/30**  
Publication info: **US2006095440** - 2006-05-04
- 4 Metadata management for a data abstraction model**  
Inventor: DETTINGER RICHARD D (US); KOLZ DANIEL P (US); (+3)      Applicant: IBM (US)  
EC: G06F17/30Z2F; G06F17/30Z6      IPC: **G06F17/30; G06F17/30**  
Publication info: **US2006074953** - 2006-04-06
- 5 Integrating intellectual capital through abstraction**  
Inventor: WOOKEY MICHAEL J (US)      Applicant:  
EC: G06F17/30Z6; G06N5/02K      IPC: **G06F7/00; G06F7/00; (IPC1-7): G06F7/00**  
Publication info: **US2004230589** - 2004-11-18
- 6 Data abstraction layer for a database**  
Inventor: AYACHITULA NAGA A (US); BRERETON JOANN PIERSA (US); (+2)      Applicant: IBM (US)  
EC: G06F17/30B; G06F17/30S8R      IPC: **G06F7/00; G06F7/00; (IPC1-7): G06F7/00**  
Publication info: **US2005021533** - 2005-01-27

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

9 results found in the Worldwide database for:  
**mapping** in the title AND **metadata and xml** in the title or abstract  
(Results are sorted by date of upload in database)

### 1 MAPPING OF SCHEMA DATA INTO DATA STRUCTURE

Inventor: DIBBLE CLIFFORD T; TOMIC DRAGAN; (+3) Applicant: MICROSOFT CORP

EC: G06F17/30X3D

IPC: **G06F12/00; G06F17/21; G06F17/30** (+3)

Publication info: **JP2006114045** - 2006-04-27

### 2 Memory cache management in XML/relational data mapping

Inventor: TOMIC DRAGAN (US); PAL SHANKAR (US); (+3) Applicant: MICROSOFT CORP (US)

EC:

IPC: **G06F17/30; G06F17/30**

Publication info: **US2006085489** - 2006-04-20

### 3 SYSTEM AND METHOD FOR BUILDING WIRELESS APPLICATIONS WITH INTELLIGENT MAPPING BETWEEN USER INTERFACE AND DATA COMPONENTS

Inventor: GORING BRYAN R (CA); VITANOV KAMEN B (CA); (+2) Applicant: RES IN MOTION LTD (CA)

EC: G06F9/44G4W

IPC: **G06F9/44; G06F9/44; (IPC1-7): H04Q7/32** (+1)

Publication info: **CA2498540** - 2005-08-27

### 4 A SYSTEM AND METHOD FOR BUILDING COMPONENT APPLICATIONS USING METADATA DEFINED MAPPING BETWEEN MESSAGE AND DATA DOMAINS

Inventor: BIBR VIERA (CA); GORING BRYAN R (CA); (+2) Applicant: RES IN MOTION LTD (CA)

EC: H04L29/08N1

IPC: **G06F9/44; G06F9/46; G06F15/00** (+9)

Publication info: **CA2498539** - 2005-08-27

### 5 Apparatus and method for mapping relational data and metadata to XML

Inventor: KRISHNAPRASAD MURALIDHAR (US); KRISHNAMURTHY VISWANATHAN (US); (+2) Applicant: ORACLE INT CORP (US)

EC: G06F17/30S8R

IPC: **G06F7/00; G06F17/30; G06F7/00** (+2)

Publication info: **US2005055358** - 2005-03-10

### 6 System and method for building wireless applications with intelligent mapping between user interface and data components

Inventor: BIBR VIERA (CA); SHENFIELD MICHAEL (CA); (+2) Applicant:

EC:

IPC: **G06T1/00; G06T1/00; (IPC1-7): G06T1/00**

Publication info: **US2005057560** - 2005-03-17

### 7 System and method for building component applications using metadata defined mapping between message and data domains

Inventor: GORING BRYAN R (CA); SHENFIELD MICHAEL (CA); (+2) Applicant:

EC:

IPC: **G06F15/16; G06F15/16; (IPC1-7): G06F15/16**

Publication info: **US2005198100** - 2005-09-08

### 8 METHOD AND APPARATUS FOR XML DATA STORAGE, QUERY REWRITES, VISUALIZATION, MAPPING AND REFERENCES

Inventor: KRISHNAPRASAD MURALIDHAR; KRISHNAMURTHY VISWANATHAN; (+2) Applicant: ORACLE CORP (US)

EC: G06F17/30S8R

IPC: **G06F17/30; G06F12/00; G06F17/30** (+2)

Publication info: **WO0221339** - 2002-03-14

### 9

Method and apparatus for mapping between XML and relational

**representations**

**Inventor:** WARSHAVSKY ALEX S (US); BHAVSAR  
CHANDRAKANT R (US); (+1)  
**EC:** G06F17/30B2

**Applicant:** SIEBEL SYSTEMS INC (US)

**IPC:** **G06F17/30; G06F17/30;** (IPC1-7): G06F17/30

**Publication info:** **US6732095** - 2004-05-04

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

1 result found in the Worldwide database for:

**state and data** in the title AND **metadata** in the title or abstract

(Results are sorted by date of upload in database)

### 1 METHODS AND SYSTEMS FOR MANAGING DATA

Inventor: ARROUYE YAN (US); GIAMPAOLO DOMINIC  
(US); (+1)

EC: G06F17/30F

Applicant: APPLE COMPUTER (US); ARROUYE YAN (US);  
(+2)

IPC: **G06F17/30; G06F11/00; G06F11/00** (+1)

Publication info: **WO2006012317** - 2006-02-02

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Data supplied from the **esp@cenet** database - Worldwide



## RESULT LIST

16 results found in the Worldwide database for:  
**modeling** in the title AND **xml** in the title or abstract  
(Results are sorted by date of upload in database)

- 1 Modeling XML from binary data**  
Inventor: MCCOLLUM RAYMOND W (US); KENNY PATRICK R (US)  
EC:   
Applicant: MICROSOFT CORP (US)  
IPC: **G06F17/00; G06F15/00; G06F17/00** (+1)  
Publication info: **US2007079234** - 2007-04-05
- 2 System and method for modeling and managing enterprise architecture data and content models and their relationships**  
Inventor: FALK ALEXANDER (US); GAVRIELOV VLADISLAV (AT)  
EC:   
Applicant: ALTOVA GMBH  
IPC: **G06F17/30; G06F17/30**  
Publication info: **US2007073712** - 2007-03-29
- 3 Systems and methods for modeling business processes using graphical symbols**  
Inventor: IVANOV KONSTANTIN (DE); ROEDIGER UWE (DE)  
EC: G06Q10/00F  
Applicant:   
IPC: **G05B19/418; G06F3/00; G05B19/418** (+1)  
Publication info: **US2006293941** - 2006-12-28
- 4 SYSTEM FOR MODELING NETVP AND REALIZING METHOD THEREOF**  
Inventor: LEE JAE YEOL  
EC:   
Applicant: KOREA ELECTRONICS TELECOMM  
IPC: **G06F19/00; G06F19/00; (IPC1-7): G06F19/00**  
Publication info: **KR20040026863** - 2004-04-01
- 5 Using XML expressed primitives for platform and system-independent call modeling**  
Inventor: POGOSIANTS GREGORY (US); ANISIMOV NIKOLAY (US); (+1)  
EC:   
Applicant:   
IPC: **H04L12/66; H04L12/66**  
Publication info: **US2006034262** - 2006-02-16
- 6 Method and system for modeling a legacy computer system**  
Inventor: BALLANTYNE ALANDO M (US); SMITH MICHAEL K (US); (+1)  
EC: G06F9/44G4M  
Applicant: ELECTRONIC DATA SYST CORP (US)  
IPC: **G06F9/44; G06F9/44**  
Publication info: **US6993745** - 2006-01-31
- 7 System and method for distributed modeling of real time systems**  
Inventor: TIRUTHANI SARAVANAKUMAR V (US)  
EC: H04L29/06C2; H04Q7/36P; (+1)  
Applicant:   
IPC: **G06F15/173; G06F15/16; (IPC1-7): G06F15/173**  
Publication info: **US2005114524** - 2005-05-26
- 8 Graphical software tool for modeling financial products**  
Inventor: DODDINGTON ANDREW (GB)  
EC: G06Q10/00F  
Applicant:   
IPC: **G06Q10/00; G06Q10/00; (IPC1-7): G06F17/60**  
Publication info: **US2005060252** - 2005-03-17
- 9 Modeling graphs as XML information sets and describing graphs with XML schema**  
Inventor: EWALD TIMOTHY J (US); BOX DONALD F (US); (+3)  
EC: G06F17/22M; G06F17/22T2; (+1)  
Applicant: MICROSOFT CORP (US)  
IPC: **G06T11/20; G06T11/20; (IPC1-7): G06T11/20**  
Publication info: **US2004239674** - 2004-12-02
- 10 METHOD AND APPARATUS FOR MODELING EXTENSIBLE MARKUP**

**LANGUAGE (XML) APPLICATIONS USING THE UNIFIED MODELING  
LANGUAGE (UML)**

**Inventor:** HU JINGKUN

**Applicant:** KONINKL PHILIPS ELECTRONICS NV (NL)

**EC:** G06F9/44G4S

**IPC:** *G06F17/30; G06F9/44; G06F17/30* (+2)

**Publication info:** **WO03085557** - 2003-10-16

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

16 results found in the Worldwide database for:  
**modeling** in the title AND **xml** in the title or abstract  
(Results are sorted by date of upload in database)

### 11 SYSTEM AND METHOD FOR MODELING A NETWORK DEVICE'S CONFIGURATION

Inventor: COURTNEY MIKE

Applicant: INTELLIDEN INC (US)

EC:

IPC: **G06F3/00; G06F9/455; G06F15/177** (+7)

Publication info: **WO03021415** - 2003-03-13

### 12 Precise UML modeling framework of the DICOM information model

Inventor: HU JINGKUN (US)

Applicant: KONINKL PHILIPS ELECTRONICS NV (US)

EC:

IPC: **G09G5/00; G09G5/00**; (IPC1-7): G09G5/00

Publication info: **US2004025110** - 2004-02-05

### 13 SYSTEMS AND METHODS FOR FACILITATING AGREEMENT DEFINITION VIA AN AGREEMENT MODELING SYSTEM

Inventor: WILCE SCOT D; GEORGE VINCENT A; (+4)

Applicant: GOLDMAN SACHS & CO (US)

EC: **G06F17/24; G06Q40/00A**

IPC: **G06F17/24; G06Q40/00; G06F17/24** (+2)

Publication info: **WO03012585** - 2003-02-13

### 14 Using XML expressed primitives for platform and system-independent call modeling

Inventor: POGOSIANTS GREGORY (US); ANISIMOV NIKOLAY (US); (+1)

Applicant:

EC: **H04L29/06; H04M3/51**; (+1)

IPC: **H04L29/06; H04M3/51; H04M7/00** (+6)

Publication info: **US2001028649** - 2001-10-11

### 15 Testing the service level of a telecommunications service by modeling the service, contract, etc. used object-orientated language and then using the model to access service levels and ensuring they lie within threshold levels

Inventor: LEBOURG ISABELLE; LAVERIERRE ANNE

Applicant: BULL SA (FR)

EC: **H04L12/24A2; H04L12/24C3**; (+1)

IPC: **H04L12/24; H04M3/22; H04L12/24** (+2)

Publication info: **FR2809513** - 2001-11-30

### 16 Metadata driven system for effecting extensible data interchange based on universal modeling language (UML), meta object facility (MOF) and extensible markup language (XML) standards

Inventor: IYENGAR SRIDHAR SRINIVASA (US)

Applicant: UNISYS CORP (US)

EC:

IPC: **G06F9/46; G06F9/46**; (IPC1-7): G06F9/46

Publication info: **US6874146** - 2005-03-29

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Data supplied from the **esp@cenet** database - Worldwide